

ABSTRACT

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A library system ~~having~~ has a reader and labeling device for interrogating data storage cartridges ~~of the type containing an in-built~~ carrying a memory chip ~~having~~ storing information ~~stored~~ describing details of data ~~contained~~ on the data storage medium ~~is disclosed~~. The reader-labeling device comprises a processor, ~~random access memory~~ RAM, printer, display, keypad, operating system, transponder, receiver and ~~battery~~ power supply. Key parameters describing a data cartridge ~~can be~~ are accessed ~~quickly and efficiently~~ without the need to access accessing the data storage medium ~~itself~~. A cartridge media specific label ~~may be rapidly~~ is printed for attachment to a ~~data storage~~ cartridge. The reader-labeling device ~~may be incorporated into~~ is part of an automatic library accessible by a robotic arm, ~~wherein the~~. A user ~~may~~ can quickly read summary information describing a the data storage cartridge or its contents from information stored on a memory attached to the cartridge by use of the reader-labeling device externally controlled.